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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Munetaka TSUDA

Serial No.: 09/535,241

Group Art Unit: 2862

Filed: March 27, 2000

Examiner: T. Fetzner

For: MAGNETIC RESONANCE
IMAGING APPARATUS AND
METHOD FOR MAINTAINING
HIGH UNIFORMITY OF
MAGNETIC FIELD IN MAGNETIC
RESONANCE IMAGING
APPARATUS

Attorney Docket No.: 9202-0009

New York, NY
February 11, 2002

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RESPONSE TO OFFICE ACTION UNDER 37 CFR § 1.111

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In reference to the Office Action mailed October 9, 2001, please enter the following amendment and remarks, pursuant to 37 CFR §1.111, into the file of the above-identified application.

Attached hereto are: 1) a Petition for Extension of Time accompanied by the required fee for one (1) month to and including February 11, 2002 (February 9, 2002 is a Saturday); and 2) Exhibit A, a marked-up version of amended claim 1.

IN THE CLAIMS:

Please amend claim 1 to read as follows:

1. (Amended) A magnetic resonance imaging apparatus comprising:
- a static magnetic field generating unit that generates a static magnetic field of a constant magnetic field intensity;
 - a gradient magnetic field generating unit that generates a magnetic field strength gradient;
 - a high-frequency magnetic field generating unit;
 - a detecting unit that detects nuclear magnetic resonance signals generated from an object to be examined; and
 - a display unit that displays a result of the detection, wherein the magnetic resonance imaging apparatus further comprises: a magnetic field correcting unit that generates an additional magnetic field for making uniform a space distribution of the static magnetic field;